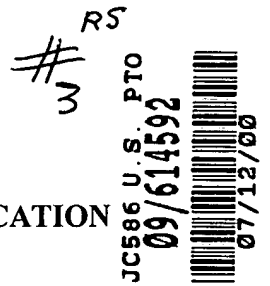


PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of

Toshifumi SATO

Appln. No.

Group Art Unit:

Filed: July 12, 2000

Examiner:

For: PATH SEARCH CIRCUIT FOR SIMULTANEOUSLY PERFORMING ANTENNA
DIRECTIVITY CONTROL AND PATH SEARCH

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

1. Japanese Laid-Open Patent Application No. 11-55216, published February 26, 1999 with English Abstract.
2. Japanese Laid-Open Patent Application No. 10-93323, published April 10, 1998 with English Abstract.

Toshifumi SATO
Q60082

INFORMATION DISCLOSURE STATEMENT

3. Japanese Laid-Open Patent Application No. 10-32523, published February 3, 1998
with English Abstract (corresponds to Japanese Patent No. 2751959, published
February 27, 1998).

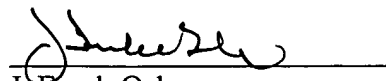
4. Japanese Laid-Open Patent Application No. 9-74372, published March 18, 1997 with
English Abstract.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed (1) no later than three
months from the application's filing date or (2) before the mailing date of the first Office Action
on the merits (whichever is later), and therefore no Statement under 37 C.F.R. § 1.97(e) or fee
under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such
document constitutes prior art against the claims of the present application. Applicant does not
waive any right to take any action that would be appropriate to antedate or otherwise remove any
listed document as a competent reference against the claims of the present application.

Respectfully submitted,


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